CLAIMS

1. A mouse with a multi-axis inputting device, comprising:

a cover, at least one first groove being provided at the top-surface of said cover, and;

a base, an interface circuit board being fixed on said base, said interface circuit board comprising at least a cursor controller, a first scroll controller, and a second scroll controller provided thereon, further comprising a second groove provided at a side-surface of a housing of said mouse, wherein a part of volume of said first scroll controller and said second scroll controller being exposed outside said housing of said mouse through said corresponding first groove and second groove, respectively, when said base and said cover are united to form said housing of said mouse.

2. The mouse according to Claim 1, wherein said second groove is at a position selected from the group consisting of side-surface of said cover, side-surface of said base, and the combination thereof.

3. The mouse according to Claim 1, wherein said second groove is presented as an absolutely horizontal mode.

4. The mouse according to Claim 1, wherein said second groove is presented as an inclined mode with respect to horizontal.

5. The mouse according to Claim 1, wherein said first scroll controller comprises a first bracket fixed on said interface circuit board, a first wheel, a part of volume thereof projecting outside said first groove, a sensitized rotary-disk and a light-sensing module situated at the side of said first wheel, and a third button switch depressed as an external force is applied to said first wheel.

6. The mouse according to Claim 1, wherein said second scroll controller comprises a second bracket fixed on said interface circuit board, a second wheel, a part of volume thereof projecting outside said second groove, a sensitized rotary-disk and a light-sensing module situated at the side of said second wheel, and a fourth button switch depressed as an external force is applied to said second wheel.

7. The mouse according to Claim 1, wherein said cursor controller is selected from the group consisting of ball, track ball or optical light-sensing module, and the combination thereof.

8. The mouse according to Claim 1, wherein the top-side of said cover further comprises at least one function key.

9. The mouse according to Claim 1, wherein said base further comprising devices selected from the group consisting of data transmission line, wireless transmission unit, and the combination thereof.

10. The mouse according to Claim 1, wherein the top-side of said cover further

includes a left key and a right key.

11. The mouse according to Claim 10, wherein the top-side of said cover further comprising at least one function key, said function key being positioned between said left key and said right key.